

AMENDMENTS TO THE CLAIMS

Please **CANCEL** claims 2 and 14 without prejudice or disclaimer.

Please **AMEND** claims 1, 5, 9, 12, 13, 18, and 21 as shown below.

1. (Currently Amended) A method for providing a user with a predetermined search result list by a search engine, ~~the method comprising the steps of:~~
 - maintaining a content information database storing at least one content and registration date information for the content;
 - maintaining a timer, the timer maintaining time information and a time function table, the time function table storing a predetermined time function having time difference information as a variable, wherein the time difference information is difference between the registration date information for the content and the time information;
 - receiving at least one keyword from a user terminal with a search request;
 - searching for at least one content including the at least one keyword using the content information database;
 - computing accuracy of the searched content with respect to the at least one keyword, based on a predetermined accuracy computing criterion;
 - searching for the registration date information for the searched content using the content information database;
 - computing time difference information by using the searched registration date information and the time information received from the timer;
 - computing a time function value corresponding to the computed time difference information by using the time function table;

computing importance information of the searched content using the computed accuracy and the computed time function value; ~~and~~

sorting at least one content in accordance with the computed importance information, thereby processing the sorted content into search result list information;

maintaining a temporal adverb keyword database storing at least one predetermined temporal adverb keyword;

wherein computing importance information with respect to the searched content using the computed accuracy and the computed time function value comprises:

abstracting at least one temporal adverb keyword stored in the temporal adverb keyword database, from the searched content; and

in case that the temporal adverb keyword is abstracted from the searched content, multiplying predetermined weight corresponding to the abstracted temporal adverb keyword to the computed importance information.

2. (Cancelled)

3. (Original) The method of claim 1, wherein the time function table records the time function value corresponding to the time difference information.

4. (Original) The method of claim 1, wherein the time function value is computed using at least one of a linear function, an exponential function, a quadratic function, a rectangular function, and a Gaussian Distribution function.

5. (Currently Amended) A method for providing a user with a predetermined search result list by search engine, the method comprising ~~the steps of:~~

maintaining a content information database storing at least one content and registration

date information for the content;

maintaining a temporal adverb keyword database storing at least one predetermined temporal adverb keyword and predetermined weight corresponding thereto;

maintaining a timer, the timer maintaining time information;

receiving at least one keyword from a user terminal with a search request;

searching for at least one content including the keyword by referring to the content information database;

computing accuracy of the searched content with respect to the keyword, based on a predetermined accuracy computing criterion;

searching for the registration date information for the searched content by referring to the content information database;

computing time difference information by using the searched registration date information and the time information received from the timer;

abstracting at least one temporal adverb keyword stored in the temporal adverb keyword database, from the searched content; and

in case that the temporal adverb keyword is abstracted from the searched_content, abstracting the weight corresponding to the abstracted temporal adverb keyword and the computed time difference information, by referring to the temporal adverb keyword database;

computing importance information by calculating the computed accuracy and the abstracted weight; and

sorting at least one content in accordance with the computed importance information, thereby processing the sorted content into search result list information.

6. (Previously Presented) The method of claim 1, wherein the weight is a value between 0 and 1.

7. (Previously Presented) The method of claim 1, wherein the predetermined accuracy computing criterion in the step of computing the accuracy includes at least one selected from a group consisting of the number of the keywords included in the content, a location of the keyword, whether the content is a hyperlink included the content, and frequency of the keyword included in a second content connected by the hyperlink.

8. (Previously Presented) The method of claim 1, wherein the content is news article data or knowledge search data.

9. (Currently amended) The method of claim 1, wherein the step of sorting at least one content in accordance with the computed importance information, thereby processing the sorted content into search result list information, ~~comprises the steps of:~~

determining whether the computed importance information is less than predetermined threshold; and

in case that it is determined that the importance information is less than the threshold, deleting the content from the search result list information.

10. (Previously Presented) The method of claim 1, wherein the time information is current time information.

11. (Previously Presented) The method of claim 1, wherein the terminal of the user is a personal computer or a personal portable terminal.

12. (Currently Amended) ~~A computer readable record medium recording a program for implementing the method of claim 1~~ A non-transitory computer-readable medium comprising an executable program which, when executed, performs the steps of:

maintaining a content information database storing at least one content and registration date information for the content;

maintaining a timer, the timer maintaining time information and a time function table, the time function table storing a predetermined time function having time difference information as a variable, wherein the time difference information is difference between the registration date information for the content and the time information;

receiving at least one keyword from a user terminal with a search request;

searching for at least one content including the at least one keyword using the content information database;

computing accuracy of the searched content with respect to the at least one keyword, based on a predetermined accuracy computing criterion;

searching for the registration date information for the searched content using the content information database;

computing time difference information by using the searched registration date information and the time information received from the timer;

computing a time function value corresponding to the computed time difference information by using the time function table;

computing importance information of the searched content using the computed accuracy and the computed time function value;

sorting at least one content in accordance with the computed importance information, thereby processing the sorted content into search result list information;

maintaining a temporal adverb keyword database storing at least one predetermined temporal adverb keyword;

wherein computing importance information with respect to the searched content using the computed accuracy and the computed time function value comprises:

abstracting at least one temporal adverb keyword stored in the temporal adverb keyword

database, from the searched content; and

in case that the temporal adverb keyword is abstracted from the searched content,
multiplying predetermined weight corresponding to the abstracted temporal adverb keyword to
the computed importance information.

13. (Currently Amended) A system for providing a user with a predetermined search result list, ~~the system~~ comprising:

a content information database storing at least one content and registration date information for the content;

a timer maintaining time information;

a time function table storing a predetermined time function having time difference information as a variable, wherein the time difference information is difference between the registration date information for the content and the time information;

an interface unit, the interface unit receiving at least one keyword from a user terminal and in response thereto, the interface unit transmitting search result list information to the terminal;

a database search unit, the database search unit searching for at least one content including the keyword and the registration date information for the content, by referring to the content information database;

an accuracy computing unit computing accuracy of the searched content with respect to the keyword, based on a predetermined accuracy computing criterion;

an importance information computing unit, the importance information computing unit computing time difference information by using the searched registration date information and the time information received from the timer, the importance information computing unit computing a time function value corresponding to the computed time difference information by referring to the time function table, and the importance information computing unit computing

importance information of the searched content by calculating the computed accuracy and the computed time function value; and

a search result processing unit sorting at least one content in accordance with the computed importance information, thereby processing the sorted content into search result list information;

a temporal adverb keyword database storing at least one predetermined temporal adverb keyword and predetermined weight corresponding thereto;

a keyword abstracting unit abstracting the temporal adverb keyword stored in the temporal adverb keyword database, from the searched content; and

a weight information computing unit,

the weight information computing unit abstracting the weight with respect to the temporal adverb keyword by referring to the temporal adverb keyword database if the temporal adverb keyword included in the content is abstracted from the keyword abstracting unit; and

wherein the importance information computing unit computes the importance information by calculating the weight abstracted from the weight information computing unit with the accuracy and the time function value.

14. (Cancelled)

15. (Previously Presented) The method of claim 5, wherein the weight is a value between 0 and 1.

16. (Previously Presented) The method of claim 5, wherein the predetermined accuracy computing criterion in the step of computing the accuracy includes at least one selected from a group consisting of the number of the keywords included in the content, a location of the keyword, whether the content is a hyperlink included the content, and frequency of the keyword

included in a second content connected by the hyperlink.

17. (Previously Presented) The method of claim 5, wherein the content is news article data or knowledge search data.

18. (Currently Amended) The method of claim 5, wherein the step of sorting at least one content in accordance with the computed importance information, thereby processing the sorted content into search result list information comprises ~~the steps of:~~

determining whether the computed importance information is less than predetermined threshold; and

in case that it is determined that the importance information is less than the threshold, deleting the content from the search result list information.

19. (Previously Presented) The method of claim 5, wherein the time information is current time information.

20. (Previously Presented) The method of claim 5, wherein the terminal of the user is a personal computer or a personal portable terminal.

21. (Currently Amended) ~~A computer readable record medium recording a program for implementing the method of claim 5~~A non-transitory computer-readable medium comprising an executable program which, when executed, performs the steps of:

maintaining a content information database storing at least one content and registration date information for the content;

maintaining a temporal adverb keyword database storing at least one predetermined temporal adverb keyword and predetermined weight corresponding thereto;

maintaining a timer, the timer maintaining time information;
receiving at least one keyword from a user terminal with a search request;
searching for at least one content including the keyword by referring to the content
information database;
computing accuracy of the searched content with respect to the keyword, based on a
predetermined accuracy computing criterion;
searching for the registration date information for the searched content by referring to
the content information database;
computing time difference information by using the searched registration date
information and the time information received from the timer;
abstracting at least one temporal adverb keyword stored in the temporal adverb keyword
database, from the searched content; and
in case that the temporal adverb keyword is abstracted from the searched content,
abstracting the weight corresponding to the abstracted temporal adverb keyword and the
computed time difference information, by referring to the temporal adverb keyword database;
computing importance information by calculating the computed accuracy and the
abstracted weight; and
sorting at least one content in accordance with the computed importance information,
thereby processing the sorted content into search result list information.